tbm
Technologieberatung & Medienservice GmbH

DSPCONFIG

User's Guide

Ver. 1.6

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1. Introduction

2. Notation

This Documentation uses various labels and name that serve as your guides to operating this product.

- Notational conventions

Caution	A “caution” indicates a section of the manual that requires special attention.
Reference	A “referene” provides information related to the current topic.
Example	An “example” indicates on example related to the current topic.
Note	A “note” provides supplementary information.

3. DSPCONFIG

- It stands for dspconfig.txt. This file is used for control the player from remote server.
- dspconfig.txt should be in the same folder with playlist.txt.
- DSP checks dspconfig.txt every 1 minute by default. But if there is Contents Update Time in the dspconfig.txt, check time depends on this Contents Update Time.

4. DSPCONFIG Command (Basic Config)

5. Setup Basic

Setup basic setting value on the player setup page.

6. Setup device ID

- Format
  - set dsp basic deviceid “{device ID}”
- Example
  - set dsp basic deviceid “00001234” : Set device ID to 00001234

7. Setup DSP mode

- Format
  - set dsp basic dspmode {standard/interactive}
- Example
  - set dsp basic dspmode standard : Set DSP mode to standard

8. Setup Video/Audio

Setup Video/Audio setting value on the player setup page.

9. Setup backlight brightness (DS5000 only)

- Format
  - set dsp video backlight {0~31}
- Example
  - set dsp video backlight 15 : Set backlight brightness to 15

10. Setup TV mode

- Format
  - set dsp video tvmode {ntsc/pal}
- Example
  - set dsp video tvmode ntsc : Set TV mode to ntsc

11. Setup Video Output

- Format
  - set dsp video output {VALUE}
- VALUE: composite_640x480, component_480p, component_720p, component_1080i, component_1080p, vga_640x480, vga_800x600, vga_1024x768, vga_1280x720, vga_1280x768, vga_1280x1024, vga_1360x768, vga_1366x768, vga_1440x900, vga_1600x900, vga_1600x1200, vga_1680x1050, vga_1920x1080, vga_1920x1200,

dvi_480i, dvi_480p, dvi_720p, dvi_1080i, dvi_1080p, dvi_640x480, dvi_800x600, dvi_1024x768, dvi_1280x720, dvi_1280x768, dvi_1280x1024, dvi_1360x768, dvi_1366x768, dvi_1400x900, dvi_1600x900, dvi_1600x1200, dvi_1680x1050, dvi_1920x1080, dvi_1920x1200, hdmi_480i, hdmi_480p, hdmi_720p, hdmi_1080i, hdmi_1080p, hdmi_640x480, hdmi_800x600, hdmi_1024x768, hdmi_1280x720, hdmi_1280x768, hdmi_1280x1024, hdmi_1360x768, hdmi_1366x768, hdmi_1440x900, hdmi_1600x900, hdmi1600x1200, hdmi_hdmi_1680x1050, hdmi_1920x1080, hdmi_1920x1200

- Example
  - set dsp video output hdmi_1080p : Set video output to HDMI 1080p.

11.1. Setup User Defined Video Output

(not implemented yet)

- Format
  - set dsp video detailoutput {composite/component/vga/dvi/hdmi}
  - set dsp video pixelclock {num}
  - set dsp video hactive {num}
  - set dsp video hfrontporch {num}
  - set dsp video hsyncwidth {num}
  - set dsp video hbackporch {num}
  - set dsp video hsyncpolarity {0/1}
  - set dsp video vactive {num}
  - set dsp video vfrontporch {num}
  - set dsp video vsyncwidth {num}
  - set dsp video vbackporch {num}
  - set dsp video vsyncpolarity {0/1}
  - set dsp video interlace {0/1}

- Example
  - set dsp video detailoutput vga : set video output to VGA.
  - set dsp video pixelclock 64125000 : set pixel clock to 6412500.
  - set dsp video hactive 1024 : set horizontal active sync to 1024.
  - set dsp video hfrontporch 56 : set horizontal front porch to 56.
  - set dsp video hsyncwidth 104 : set horizontal sync width to 104.
  - set dsp video hbackporch 160 : set horizontal back porch to 160.

- set dsp video hsyncpolarity 0 : set horizontal sync polarity to negative.
- set dsp video vactive 768 : set vertical active sync to 768.
- set dsp video vfrontporch 1 : set vertical front porch to 1.
- set dsp video vsyncwidth 15 : set vertical sync width to 15.
- set dsp video vbackporch 22 : set vertical back porch to 22.
- set dsp video vsyncpolarity 1 : set vertical sync polarity to positive.
- set dsp video interlace 0 : set video output type to progressive.
- set dsp video interlace 1 : set video output type to interlace.

Reference

When all parameters (above 13 items) are written, it will work.

12. Setup Audio Volume

- Format
  - set dsp audio vol {0~31}
- Example
  - set dsp audio vol 20 : Set audio volume to 20

13. Setup Audio Output

- Format
  - set dsp audio output {stereo/surround}
- Example
  - set dsp audio output stereo : Set audio output to Stereo(2Ch).
  - set dsp audio output surround : Set audio output to surround (5.1Ch,Optical)

14. Setup Server

Setup Server setting value on the player setup page

15. Setup Server Mode

- Format
  - set dsp server mode {standalone/internet}
- Example
  - set dsp server mode internet : Set server mode to internet

16. Setup Server IP Address Value

- Format
  - set dsp server ip “{ip address}”
- Example
  - set dsp server ip “211.33.40.40” : Set Connect Server IP address value to 211.33.40.40

17. Setup Server Folder Value

- Format
  - set dsp server folder “{folder name}”
- Example
  - set dsp server folder “dark”: Set Connect Server Folder value to dark folder

18. Setup Server Port Value

- Format
  - set dsp server port {num}
- Example
  - set dsp server port 1234 : Set Connect Server Port value to 1234

19. Setup Server ID Value

- Format
  - set dsp server id “{id name}”
- Example
  - set dsp server id “dark” : Set Connect Server ID value to dark.

20. Setup Server Password Value

- Format
  - set dsp server password “{password name}”
- Example
  - set dsp server password “1234” : Set Connect Server Password value to 1234.

21. Setup Server Connection Interval (seconds) Value

- Format
  - ➢ set dsp server interval 60
- Example
  - ➢ set dsp server interval 60 : Set Connection interval value to 60 sceonds.

22. Setup LAN

Setup Wired Network(LAN) setting value on the player setup page.

23. Setup LAN Support Configuration

- Format
  - ➢ set dsp lan support {enable/disable}
- Example
  - ➢ set dsp lan support enable : Enable LAN
  - ➢ set dsp lan support disable: Disable LAN

24. Setup LAN IP Address Configuration

- Format
  - ➢ set dsp lan ip {auto/fix}
- Example
  - ➢ set dsp lan ip auto : Set LAN IP setting to dynamic configuration(DHCP)
  - ➢ set dsp lan ip fix : Set LAN IP setting to static configuration

25. Setup LAN IP Address Value

- Format
  - ➢ set dsp lan ipaddress “{ip address}”
- Example
  - ➢ set dsp lan ipaddress “192.168.1.100” : Set LAN IP address value to 192.168.1.100

26. Setup LAN Subnet Mask Value

- Format
  - ➢ set dsp lan subnet “{subnet mask}”
- Example
  - ➢ set dsp lan subnet “255.255.255.0” : Set LAN Subnet mask value to

255.255.255.0

27. Setup LAN Gateway IP

- Format
  - set dsp lan gateway “{gateway address}”
- Example
  - set dsp lan gateway “192.168.1.1” : Set LAN Gateway to 192.168.1.1

28. Setup LAN DNS Configuration

- Format
  - set dsp lan dns {auto/fix}
- Example
  - set dsp lan dns auto : Set LAN DNS setting to dynamic configuration (DHCP).
  - set dsp lan dns fix : Set LAN DNS setting to static configuration.

29. Setup LAN DNS IP Address

- Format
  - set dsp lan dnsaddress “{dns address}”
- Example
  - set dsp lan dnsaddress “192.168.1.1” : Set LAN DNS address value to 192.168.1.1

30. Setup Wireless LAN(WiFi)

Setup Wireless Network(WiFi) setting value on the player setup page.

31. Setup Wireless LAN Support

- Format
  - set dsp wlan support {enable/disable}
- Example
  - set dsp wlan support enable : Enable Wireless LAN.
  - set dsp wlan support disable : Disable Wireless LAN.

32. Setup Wireless LAN IP Address Configuration

- Format
  - set dsp wlan ip {auto/fix}

- Example
  - set dsp wlan ip auto : Set WLAN IP address setting to dynamic configuration(DHCP).
  - set dsp wlan ip fix : Set WLAN IP address setting to static configuration.

33. Setup Wireless LAN IP Address Value

- Format
  - set dsp wlan ipaddress “{ip address}”
- Example
  - set dsp wlan ipaddress “192.168.1.100” : Set WLAN IP address value to 192.168.1.100

34. Setup Wireless LAN Subnet Mask Value

- Format
  - set dsp wlan subnet “{subnet mask}”
- Example
  - set dsp wlan subnet “255.255.255.0” : Set WLAN Subnet mask value to 255.255.255.0

35. Setup Wireless LAN Gateway IP

- Format
  - set dsp wlan gateway “{gateway address}”
- Example
  - set dsp wlan gateway “192.168.1.1” : Set WLAN gateway IP value to 192.168.1.1

36. Setup Wireless LAN DNS Configuration

- Format
  - set dsp wlan dns {auto/fix}
- Example
  - set dsp wlan dns auto : Set WLAN DNS setting to dynamic configuration.
  - set dsp wlan dns fix : Set WLAN DNS setting to static configuration.

37. Setup Wireless LAN DNS IP Address

- Format
  - set dsp wlan dnsaddress “{dns address}”
- Example
  - set dsp wlan dnsaddress “192.168.1.1” : Set WLAN DNS value to 192.168.1.1

38. Setup Wireless LAN SSID

- Format
  - set dsp wlan ssid “{ssid}”
- Example
  - set dsp wlan ssid “netsto” : Set WLAN SSID to netsto

39. Setup Wireless LAN Webkey Value

- Format
  - set dsp wlan wepkey “{wepkey}”
- Example
  - set dsp wlan wepkey “0123456789” : Set wepkey value to 0123456789

40. Setup Screen

Setup Screen setting value on the player setup page.

41. Setup Photo Slide Effect

- Format
  - set dsp screen slide {disable/random/crossfade/rightward/leftward/upward/increase/downward}
- Example
  - set dsp screen slide random : Set slide effect to random.

42. Setup Photo Transition Time

- Format
  - set dsp screen transitiontime {transition time (seconds)}
- Example
  - set dsp screen transitiontime 5 : Set transition time to 5 seconds.

43. Setup RSS Support

- Format
  - set dsp screen caption {textonly/textrss}
- Example
  - set dsp screen caption textonly : Enable Text/BMP caption
  - set dsp screen caption textrss : Enable both Text/BMP caption and RSS caption

44. Setup Caption Location

- Format
  - set dsp screen captionposition {top/bottom/left/right}
- Example
  - set dsp screen captionposition top : Set caption location to top.

45. Setup Caption Color

- Format
  - set dsp screen captioncolor {red/orange/yellow/green/blue/deepblue/ violet/black/white}
- Example
  - set dsp screen captioncolor yellow : Set caption color to yellow.

46. Setup Caption Background Color

- Format
  - set dsp screen captionbgcolor {red/orange/yellow/green/blue/deepblue/ violet/black/white/transparent}
- Example
  - set dsp screen captionbgcolor transparent : Set caption background color to transparent.

47. Setup Caption Scroll Speed

- Format
  - set dsp screen captionscroll {quick/normal/slow}
- Example
  - set dsp screen captionscroll slow : Set caption scroll speed to slow

48. Setup Auto Scaling for Movie

- Format
  - set dsp screen autoscaling {enable/disable}
- Example
  - set dsp screen autoscaling enable : Enable auto scaling for movie
  - set dsp screen autoscaling disable : Disable auto scaling for movie

49. Setup Auto Scaling for Picture

- Format
  - set dsp screen autoscalingpicture {enable/disable}
- Example
  - set dsp screen autoscalingpicture enable : Enable auto scaling for picture
  - set dsp screen autoscalingpicture disable : Disable auto scaling for picture

50. Setup Caption Font

- Format
  - set dsp screen captionfont {dotum/batang/user}
- Example
  - set dsp screen captionfont dotum : Set caption font to dotum
  - set dsp screen captionfont batang : Set caption font to batang
  - set dsp screen captionfont user : Set caption font to caption user font

    Caution If caption font is user, caption user font have to be set using captionuserfont. If caption user font is not set or user font file is not in the SD memory, DSP uses dotum font instead of user font. User font file can be added by using command.txt. Refer to “Software manual” to know detail information.

51. Setup Caption User Font

- Format
  - set dsp screen captionuserfont “{user font name}”
- Example
  - set dsp screen captionuserfont “Gulim” : Set caption user font to Gulim.ttf

52. Setup Caption Font Size

- Format
  - set dsp screen captionfontsize {font size (pixel)}
- Example
  - set dsp screen captionfontsize 60 : Set caption font size to 60 pixel

53. Setup RSS URL

- Format
  - set dsp rss url “{RSS URL}”
- Example
  - set dsp rss url “http://rss.com”: Set RSS URL to http://rss.com

54. Setup RSS Display

- Format
  - set dsp rss mode {all/title/description}
- Example
  - set dsp rss mode all: Display both title and description
  - set dsp rss mode title: Display title only
  - set dsp rss mode description: Display description only

55. Setup RSS Update Interval

- Format
  - set dsp rss interval {update interval (seconds)}
- Example
  - set dsp rss interval 600: Set RSS update interval to 600 seconds

56. Setup RSS Caption Type

- Format
  - set dsp rss captionmode {scroll/staticleft/staticright/statictop/staticbottom/staticcenter/wrapleft/wrapright/wrapupward/wrapdownward/wrapleftstop/wraprightstop/wrapupwardstop/wrapdownwardstop}
- Example
  - set dsp rss captionmode wrapupward: Set RSS Caption type to upward wrap around.

57. Setup RSS Caption Transition Time

- Format
  - ➢ set dsp rss captioncontinuetime {continue time(초)}
- Example
  - ➢ set dsp rss captioncontinuetime 3: Set RSS Caption Transition Time to 3 seconds.

Caution RSS Caption Transition Time is only available static or wrap caption.

58. Setup Time

Setup Time setting value on the player setup page.

59. Setup NTP Server

- Format
  - ➢ set dsp time ntpserver {disable/bora/kriss/nist/window/apple}
  - ➢ set dsp time ntpserver “{time server URL}”
- Example
  - ➢ set dsp time ntpserver disable : Disable Set NTP server
  - ➢ set dsp time ntpserver window : Set NTP server to windows.com
  - ➢ set dsp time ntpserver “time.bora.net” : Set NTP server to time.bora.net

60. NTP interval for synchronization

- Format
  - ➢ set dsp time ntpinterval {SS}
- Example
  - ➢ set dsp time ntpinterval 86400: Synchronize NTP every 86400 seconds(1 day).

61. Setup Time Zone

- Format
  - ➢ set dsp time zone {-12/-11/-10/-9/-9/-7/-6/-5/-4:30/-4/-3:30/-3/-2/-1/0/+1/+2/+3/+3:30/+4/+4:30/+5/+5:30/+5:45/+6/+6:30/+7/+8/+9/+9:30/+10/+11/+12/+13}

- Example
  - ➢ set dsp time zone +9 : Set time zone to +9

62. Setup Time Display Location

- Format
  - ➢ set dsp time display {disable/lefttop/righttop/leftbottom/rightbottom}
- Example
  - ➢ set dsp time display righttop : Set time display location to right-top location.

63. Setup Time Display Color

- Format
  - ➢ set dsp time color {red/orange/yellow/green/blue/deepblue/ violet/black/white}
- Example
  - ➢ set dsp time color yellow : Set time display color to yellow.

64. Setup Time Display Background Color

- Format
  - ➢ set dsp time bgcolor {red/orange/yellow/green/blue/deepblue/ violet/black/white/transparent}
- Example
  - ➢ set dsp time bgcolor transparent : Set time display background color to transparent.

65. Setup Time Display Font

- Format
  - ➢ set dsp time font {dotum/batang/user}
- Example
  - ➢ set dsp time font dotum : Set time display font to dotum
  - ➢ set dsp time font user : Set time display font to user font

Caution If time display font is user, time display user font have to be set using timeuserfont. If time display user font is not set or user font file is not in the SD memory, DSP uses dotum font instead of user font. User font file can be added by using command.txt. Refer to “Software manual” to know detail information.

66. Setup Time Display User Font

- Format
  - set dsp time userfont “{user font name}”
- Example
  - set dsp time userfont “Gulim” : Set time display user font to Gulim.ttf

67. Setup Time Display Font Size

- Format
  - set dsp time fontsize {font size (pixel)}
- Example
  - set dsp time fontsize 50 : Set time display font size to 50 pixel

68. Setup Auto Player Power On/Off

- Format
  - set dsp time status {on/off}
- Example
  - set dsp time status on : Enable auto power On/Off
  - set dsp time status off : Disable auto power On/Off

69. Setup Player Power On Time

- Format
  - set dsp time on {HH:MM}
- Example
  - set dsp time on 09:10 : Set player power-on time to 09:10

70. Setup Player Power Off Time

- Format
  - set dsp time off {HH:MM}
- Example
  - set dsp time off 22:30 : Set player power-off time to 22:30

71. Setup Language

Setup Advanced setting value on the player setup page.

72. Setup Language Support

- Format
  - set dsp adv language { korean/chinese/japanese/english }
- Example
  - set dsp adv language english : Set language to English.

73. Setup Interactive

74. Setup Interactive Mode Configuration

- Format
  - set dsp interactive iamode {standby/repeat/menu/continue}
- Example
  - set dsp interactive iamode standby : Set Interactive mode to standby

75. Setup Interactive Response Device Configuration

- Format
  - set dsp interactive response {serial/network/both}
- Example
  - set dsp interactive response serial : Set Interactive Response Device to serial

76. Setup Interactive Baudrate

- Format
  - set dsp interactive baudrate {4800/9600/19200/38400/115200}
- Example
  - set dsp interactive baudrate 4800 : Set Interactive serial baudrate to 4800

77. Setup Interactive Databit

- Format
  - set dsp interactive data {5/6/7/8}
- Example
  - set dsp interactive data 8 : Set Interactive serial databit to 8

78. Setup Interactive Paritybit

- Format
  - ➢ set dsp interactive parity {0/1/2}
- Example
  - ➢ set dsp interactive parity 0 : Set Interactive serial paritybit to none

79. Setup Interactive Stopbit

- 형식
  - ➢ set dsp interactive stop {1/2}
- 예
  - ➢ set dsp interactive stop 1 : Set Interactive serial stopbit to 1.

80. Setup Interactive IP Address

- Format
  - ➢ set dsp interactive ipaddress “{ip address}”
- Example
  - ➢ set dsp interactive ipaddress “192.168.1.100” : Set Interactive network IP Address value to 192.168.1.100

81. Setup Interactive Port

- Format
- set dsp interactive port {num}
- Example
  - ➢ set dsp interactive port 9300 : Set Interactive network port to 9300

82. Setup Use Interactive Key (not implemented yet)

- Format
- set dsp interactive keydefine {on/off}
- Example
  - ➢ set dsp interactive keydefine on : Set Interactive key to user define.

83. Setup Interactive User Define Key

(not implemented yet)

- Define key value as interactive command code by user.
- 24 key values (from 1 to 24) can be defined.
- This command is valid only when “interactive keydefine” is on.
- Undefined key values are ignored.
- Format
- set dsp interactive {1~24} {0x01~0xFF}
- Example
  - set dsp interactive 1 0xf4 : Set Interactive key 1 to 0xf4(Next).

84. Synchronous Play Mode

85. Setup SyncPlay

- Format
  - set dsp sync status {on/off}
- Example
  - set dsp sync status on : Set to use of SyncPlay mode
  - set dsp sync status off : Do not use SyncPlay mode

86. Setup the Number of Player of SyncPlay

- Format
  - set dsp sync numofsync {2~}
- Example
  - set dsp sync numofsync 3 : Set the number of player to 3

87. Setup SyncPlay Server IP

- Format
  - set dsp sync serverip “{server ip address}”
- Example
  - set dsp sync serverip “192.168.1.1” : Set the SyncPlay server IP address to 192.168.1.1

88. Setup DTV

89. Setup Modulation Type

- Format
  - ➢ set dsp dtv type {8vsb/qam}
- Example
  - ➢ set dsp dtv type 8vsb : Set DTV modulation type to 8VSB
  - ➢ set dsp dtv type qam : Set DTV modulation type to USQAM

90. Setup Channel Number

- Format
  - ➢ set dsp dtv channel {channel number}
- 예

  - ➢ set dsp dtv channel 14: Set DTV channel number to 14
  - ➢ set dsp dtv channel CA67: Set DTV channel number to cable 14(in the case of 8VSB as modulation type)

> ***Reference***
>
> Refer to Series Playlist User's Guide" to know about range of DTV channel number.

91. Player Control

92. Time Based Audio Volume Control

(not implemented yet)

- Format
  - ➢ set audio vol {0~31} {HH:MM}
- Example
  - ➢ set audio vol 15 09:00 : Set audio volume to 15 at 09:00
  - ➢ Support up to 16 number of audio volume control time setup.

93. Week Day Based Player Power Off

- Format
  - set dsp wday {sun/mon/tue/wed/thu/fri/sat} off
- Example
  - set dsp wday sun off : Set player to power-off at Sunday.
  - User can set several number of power-off week day.

94. Week Day Based Player On/Off Timer Control

(not implemented yet)

- Format
  - set dsp {sun/mon/tue/wed/thu/fri/sat} on {HH:MM}
  - set dsp {sun/mon/tue/wed/thu/fri/sat} off {HH:MM}
- Example
  - set dsp sun on 09:00
  - set dsp sun off 18:00
  - Set player to power-on at 09:00 and power-off at 18:00 at Sunday.

95. Year Day Based Player Power Off

- Format
  - set dsp yday {MMDD} off
- Example
  - set dsp yday 0129 off : Set player to power-off at Jan. 29th.
  - The number of power-off week day can be up to 32.

96. Year Day Based Player On/Off Timer Control

(not implemented yet)

- Format
  - set dsp ydayon {MMDD} {HH:MM}
  - set dsp ydayoff {MMDD} {HH:MM}
- Example
  - set dsp ydayon 0310 09:00
  - set dsp ydayoff 0310 18:00
  - Set player to power-on at 09:00 and power-off at 18:00 at Mar. 10th.

97. Contents Update Time Interval Control

- Format
  - set dsp contents up {ss}
- Example
  - set dsp contents up 30 : Update playlist.txt, dspconfig.txt, message.txt file at every 30 seconds.
  - The default update time interval is 1 minute(60 seconds)

98. Weekday Based Update Time Interval Control

- Format
  - set dsp contentsup {sun/mon/tue/wed/thu/fri/sat} {ss}
- Example
  - set dsp contentsup sun 10 : Update playlist.txt, dspconfig.txt, message.txt file at every 10 seconds at Sunday.

99. Year Day Based Update Time Interval Control

- Format
  - set dsp contentsup {MMDD} {ss}
- Example
  - set dsp contentsup 0531 20 : Update playlist.txt, dspconfig.txt, message.txt file at every 20 seconds at May 31th.

100. Contents Download Time Control

- Format
  - set dsp download start {HH:MM}}
  - set dsp download end {HH:MM}}
- Example
  - set dsp download start 02:00
  - set dsp download end 05:00
    Contents download possible time to set between 02:00 and 05:00.
  - The default download time is always.

101. Setup Reboot Time

- Format
  - ➢ set dsp reboot time {HH:MM}
- Example
  - ➢ set dsp reboot time 23:00
    Reboot system at 23:00

102. Serial Port Control

103. Define Macro

- Format
  - ➢ define MACRO <Value>
- Example
  - ➢ define SERIAL_TX <41,42,43,44,45> : Set SERIAL_TX to 41,42,43,44,45.
  - ➢ define SERIAL_TX2 “12345” : Set SERIAL_TX2 to 1(0x31), 2(0x32), 3(0x33), 4(0x34), 5(0x35).

104. Setup Serial Port Speed

- Format
  - ➢ set com init baudrate {4800/9600/19200/38400/115200}
- Example
  - ➢ set com init baudrate 4800 : Set serial port speed to 4800bps

105. Setup Serial Port Data Bit

- Format
  - ➢ set com init data {5/6/7/8}
- Example
  - ➢ set com init data 8 : Set serial port data bit to 8 bits.

106. Setup Serial Port Parity Bit

- Format
  - set com init parity {0/1/2}
  - 0: no parity, 1:odd parity, 2:even parity
- Example
  - set com init parity 0 : Set to no parity bit support.

107. Setup Serial Port Stop Bit

- Format
  - set com init stop {1/2}
- Example
  - set com init stop 1 : Set serial port stop bit to 1 bit.

108. Setup Serial Port Data Transmission

- Format
  - set com tx {HH:MM} {data}
  - {data} can be have Ascii, Binary and Macro.
    Use " " for Ascii data, < > for Binary data and % % for Macro.
  - User can set 32 different mode at different time.
- Example
  - set com tx 09:00 "abcde" : Send Ascii data a,b,c,d,e character to serial at 09:00
  - set com tx 10:30 <41,42,43,44,45> : Send Binary data 0x41, 0x42, 0x42, 0x43, 0x44, 0x45 at 10:30
  - set com tx 12:00 %SERIAL_TX% : Send Macro SERIAL_TX data at 12:00, for example the SERIAL_TX is configured to <41,42,43,44,45>, player send 0x41, 0x42, 0x43, 0x44 and 0x45 to serial port at 12:00

109. Setup GPIO Interactive operation

- Format
  - set gpio {2~6} value {data}
  - Support GPIO between 2 and 6.
    if the GPIO signal detect High/Low , player work as {data} receive by serial port.
  - {data} can be have Ascii, Binary or Macro.
    Use " " for Ascii data, < > for Binary data and % % for Macro.

- Example
  - set gpio 2 value <0x01> : if player detect GPIO 2 High/Low, player work as same way of receive 0x01 by serial port.
    set gpio 2 value <0x01, 0x02> : if player detect GPIO 2 High/Low, player work as same way of receive 0x01 and 0x02 by serial port.
  - Please refer to 3.13.6 Setup Serial Port Data Transmission for more detail.
  -

110. Logging Message

The logging message can be upload to the server to user notify player operation.

The logging message file information is followed.

- NETCION-DSP have two logging message file,
  AABBCCDDEEFF_2008_08_25.txt
  and AABBCCDDEEFF_2008_08_25_filestatus.txt
  The first log file have the logging message for play information of contents file("Content File Play Information Log"). The second log file have the logging message for contents file download and remove information("Contents File Status Log").
- The field of AABBCCDDEEFF at file name is MAC address of player. The field of 2008_08_25 is the date of file creation.

111. Setup Logging Message Support

- Format
  - set dsp log status {on/off}
- Example
  - set dsp log status on : Set player upload logging message to server
  - set dsp log status off: Set player do not upload logging message to server.

112. Setup Logging Message Folder

- Format
  - set dsp log folder “{folder name}”
- Example
  - set dsp log folder “aabbcc/ccdd” : Set player upload logging message to aabbcc/ccdd folder
  - If user do not set the logging folder, the player will upload log information to log/{site name} of server directory.

113. Setup Logging Message Upload Time

- Format
  - set dsp log up {ss}
- Example
  - set dsp log up 3600 : Set “Content File Play Information Log” update time interval.
  - If there no setup update time, The player update the log file one times at each day.
  - The “Contents File Status Log” is generated at the new file download or remove time.

114. Saving Logging Message in the internal memory

- Format
  - set dsp log save {on/off}
- Example
  - set dsp log save on: Save logging message in the internal memory

➢ set dsp log save off: Do not save logging message in the internal memory

115. Saving days for logging message in the internal memory

- Format
  - ➢ set dsp log savedays {dd}
- Example
  - ➢ set dsp log savedays 30: Save logging message in the internal memory for 30 days.

116. Player Live Status

The player live status can be upload to the server to user notify player operation.

The live status file information is followed.

- ➢ The format of live status file is dsplive_AABBCCDDEEFF, in here AABBCCDDEEFF is MAC address of player.
- ➢ The contents of live file
  - F/W Version
  - Total Disk Space
  - Available Disk Space
  - Backlight
  - Video Output
  - Audio Volume
  - Audio Output
  - Server IP Address
  - Server Connect Folder
  - Server Log Folder
  - Server Live Folder
  - Lan IP address
  - Lan Subnet Mask
  - Lan Gateway address
  - Lan DNS
  - WLan Support
  - WLan IP address

WLan Subnet Mask
WLan Gateway address
WLan DNS
WLan Mode
WLan SSID
WLan Channel
WLan Wepkey
Photo Effect
Photo Transition Time
Caption Support
Caption Position
Caption Color
Caption BG Color
Caption Speed
Auto Scaling
Time Set
NTP Server
Time Display
Time Color
Time BG Color
Auto On/Off
On Time
Off Time
Language
Font Size
Display Status

117. Setup Live Status Support

- Format
  - ➢ set dsp live status {on/off}
- Example
  - ➢ set dsp live status on : Set live status file upload to server
  - ➢ set dsp live status off : Do not upload live status file to server

118. Setup Live Status Upload Folder

- Format
  - ➢ set dsp live folder “{folder name}”
- Example
  - ➢ set dsp live folder “aabbcc/ccdd” : Set live status upload folder to aabbcc/ccdd at server. The default upload folder is live/{site name} at server

119. Setup Live Status Update Time

- Format
  - ➢ set dsp live up {ss}
- Example
  - ➢ set dsp live up 15 : Set live status file update time interval to 15 seconds. If user do not set live status update time, the default live status file update time interval is 1 minute(60 seconds).

Probleme mit einem tbm Gerät?
Bitte kontaktieren Sie uns.

Wenn Sie technische Fragen an die Serviceabteilung von tbm haben, senden Sie eine E-Mail an service@tbmgmbh.de und machen bitte folgende Angaben zu Ihrem Gerät:

1. Modell Bezeichnung und Nummer:
2. Seriennummer:
3. Firmware Version:
4. Speichergröße und Fabrikat der Speicherkarte:
5. Eine Beschreibung des Problems:
6. Den Namen des Händlers oder der Internetadresse,
   wo Sie das Gerät erworben haben.

tbm Technologieberatung & Medienservice GmbH
Schragenhofstraße 35
D-80992 München
Fon + 49 (0) 89 30 76 42 81
Fax + 49 (0) 89 30 76 42 83
E-Mail service@tbmgmbh.de